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FACSIMILE COVER SHEET

Date:	January 6, 2006	Fax:	571-273-8300
To:	U.S. Patent and Trademark Office	Phone:	

**Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450**

From:	David C. Hsia
Serial No.:	10/826,787
Docket:	10030222-4
Re:	Response to Office Action
Pages:	9 (including cover sheet)

Message:

Re: Applicant(s): Scott A. McHugo; Gregory N. DeBrabander
 Assignee: Agilent Technologies, Inc.
 Title: Heterojunction Bipolar Transistors with an Emitter Cap
 Having a Sidewall with a Reentry Feature Having an
 Undercut Profile
 Serial No.: 10/826,787
 Examiner: Pamela E. Perkins Filed: April 16, 2004
 Docket No.: 10030222-4 Group Art Unit: 2822

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (7 pages).

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.

AVAGO TECHNOLOGIES, LTD.
P.O. Box 1920
Denver, Colorado 80201-1920

JAN 06 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Scott A. McHugo et al.

Serial No.: 10/826,787

Examiner: Pamela E. Perkins

Filing Date: April 16, 2004

Group Art Unit: 2822

Title: HETEROJUNCTION BIPOLAR TRANSISTORS WITH AN Emitter CAP HAVING A SIDEWALL
WITH A REENTRY FEATURE HAVING AN UNDERCUT PROFILE

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input type="checkbox"/> Other:	(Fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	3	MINUS	20	= 0	X 50	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ 360	\$ 0
EXTENSION FEE	1 ST MONTH 120.00 <input type="checkbox"/>	2 ND MONTH 450.00 <input type="checkbox"/>	3 RD MONTH 1020.00 <input type="checkbox"/>	4 TH MONTH 1590.00 <input type="checkbox"/>		\$ 0
					OTHER FEES	\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$0 to Deposit Account 50-3718. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-3718 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-3718 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Scott A. McHugo et al.

By


 David C. Hsia
Attorney/Agent for Applicant(s)

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Date of facsimile: January 6, 2006

Reg. No. 46,235

Typed Name: David C. Hsia

Date: January 6, 2006


 Signature: _____

Telephone No. (408) 382-0480

JAN 06 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Scott A. McHugo; Gregory N. DeBrabander
Assignee: Agilent Technologies, Inc.
New Title: Heterojunction Bipolar Transistors with an Emitter Cap Having a Sidewall with a Reentry Feature Having an Undercut Profile
Serial No.: 10/826,787 Filing Date: April 16, 2004
Examiner: Pamela E. Perkins Group Art Unit: 2822
Docket No.: 10030222-4

San Jose, California
January 6, 2006

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

This is a response to the Office Action dated October 6, 2005, which has a statutorily shortened period for response that ends on January 6, 2006. Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Abstract begin on page 3 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 5 of this paper.